

CLAIMS

I claim:

1. An automobile camera system for identifying intruders for
2 automobile theft and vandalism comprising:

3 at least one means for capturing images within a selected
4 field of view;

5 at least one sensor for detecting an activity of an intruder
6 within said selected field of view of at least one of said at least
7 one image capturing means;

8 said sensor being electrically configured to said capturing
9 means such that when the sensor detects activity of an intruder,
10 said capturing means is activated for obtaining images of the
11 intruder;

12 a power means for supplying power to said capturing means and
13 said sensor means; and

14 a processing means for processing a captured image data of the
15 sensed activity, said processing means further comprising a
16 transmission means for transmitting captured data to a remote
17 device, said processing means, said capturing means, said sensor
18 and said power means being electrically configured as an integrated
19 camera system.

1 2. The automobile camera system according to claim 1, wherein
2 said remote device is a computer network system.

1 3. The automobile camera system according to claim 2, wherein
2 said computer network system includes at least one internet server.

1 4. The automobile camera system according to claim 3, wherein
2 said computer network system includes at least one digital device,
3 and wireless data transmission and reception via said digital
4 device.

1 5. The automobile camera system according to claim 4, wherein
2 said digital device is a web-enabled PDA.

1 6. The automobile camera system according to claim 4, wherein
2 said digital device is a satellite for data communication.

1 7. An automobile camera system for identifying intruders
2 comprising, in combination with a vehicle having first, second and
3 third housing portions:

4 at least one means for capturing image and audio data within
5 a selected field of view;

6 a plurality of sensors for detecting the activity of an
7 intruder within the selected field of said data capturing means;
8 said sensors being electrically configured to said capturing means
9 such that when at least one of the sensors detect activity of an
10 intruder said capturing means is activated for obtaining images of
11 said at least one intruder;

12 a power means for supplying power to said at least one
13 capturing means and said at least one sensor means;

14 a processing means for processing said captured data of the
15 sensed activity, said processing means further comprising a
16 transmission means for transmitting captured data to a remote
17 device;

18 said at least one capturing means being housed within a first
19 housing portion of the vehicle; and

20 said plurality of sensors being housed within a second and
21 third housing portion of the vehicle.

1 8. The automobile camera system according to claim 7, wherein
2 said processing and transmission means are housed within said
3 second housing portion of the vehicle.

1 9. The automobile camera system according to claim 7, wherein
2 said power means being housed within said third housing portion of
3 the vehicle.

1 10. The automobile camera system according to claim 7,
2 wherein said first housing portion is an interior cab portion of
3 the vehicle.

1 11. The automobile camera system according to claim 7,
2 wherein said second housing portion is an interior trunk portion of
3 the vehicle.

1 12. The automobile camera system according to claim 7,
2 wherein said third housing portion is an interior hood portion of
3 the vehicle.

1 13. The automobile camera system according to claim 7,
2 wherein said remote device is a computer network system.

1 14. The automobile camera system according to claim 13,
2 wherein said computer network system includes at least one Internet
3 server.

1 15. The automobile camera system according to claim 13,
2 wherein said computer network system includes a digital device, and
3 wireless data transmission and reception via at said digital
4 device.

1 16. The automobile camera system according to claim 15,
2 wherein said digital device is a web-enabled PDA.

1 17. The automobile camera system according to claim 15,
2 wherein said digital device is a satellite for data
3 communication.

1 18. The automobile camera system according to claim 17,
2 wherein said data is positional data of the automobile.

1 19. The automobile camera system according to claim 7,
2 wherein said system is configured to transmit and receive original
3 captured data at a frequency range of from around 1 GHz. up to 2.4
4 GHz.

1 20. An automobile camera system for identifying intruders
2 comprising:

3 at least one means for capturing images within a selected
4 field of view at an original frequency range of around 1 GHz up to
5 2.4 GHz;

6 at least one sensor for detecting an activity of an intruder
7 within said selected field of view of said image capturing means;

8 said sensor being electrically configured to said image
9 capturing means such that when said sensor detects activity of an
10 intruder, said capturing means is activated for obtaining images of
11 the intruder;

12 a power means for supplying power to said image capturing
13 means and said sensor means;

14 a processing means for processing said captured image data of
15 the sensed activity, said processing means further comprising a
16 transmission means for transmitting captured data to a remote
17 device, said processing means, said image capturing means, said
18 sensor and said power means being electrically configured as a
19 single integrated camera system; and

20 wherein said system transmits and receive captured image data
21 within a frequency range of around 12 GHz. up to 18 GHz.